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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

9581-002-27

First Inventor or Application Identifier

RAGHU RAGHAVAN, ET AL.

Title

METHOD AND SYSTEM FOR PREDICTION AND MANAGEMENT OF MATERIAL AND INFORMATION TRANSPORT IN AN ORGANISM

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

Applicant claims small entity status.

2. Specification Total Pages **47**

3. Drawing(s) (35 U.S.C. 113) Total Sheets **11**

4. Oath or Declaration Total Pages

a. Newly executed (original or copy)

b. Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation/divisional with box 16 completed)

5. Incorporation By Reference (usable if box 4B is checked)
The entire disclosure of the prior application, from which a copy or the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner: Group Art Unit:

17. Amend the specification by inserting before the first line the sentence:

This application is a Continuation Division Continuation-in-part (CIP)
of application Serial No. Filed on

This application claims priority of provisional application Serial No. Filed

18. CORRESPONDENCE ADDRESS

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U.S.P.T.O.
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FEE TRANSMITTAL

FEE TRANSMITTAL		Docket No.	9581-002-27	
		Serial No.	New Application	
		Filing Date	Herewith	
		Inventor(s)	Raghu RAGHAVAN, et al.	
		Group Art Unit		
TOTAL AMOUNT OF PAYMENT	\$558.00	Examiner		

1. <input checked="" type="checkbox"/> Applicant claims small entity status. <input type="checkbox"/> Charge any UNDERPAYMENT or credit any OVERPAYMENT in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442.								FEE CALCULATION (continued)						
								3. ADDITIONAL FEES						
								Large Entity		Small Entity		Fee Description		
2. <input checked="" type="checkbox"/> Check enclosed.								Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Paid	
FEE CALCULATION								1051	130	2051	65	Surcharge-late filing fee or oath	65.00	
1. BASIC FILING FEE								1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet		
Large Entity		Small Entity		Fee Description			1053	130	1053	130	Non-English Specification			
Fee Code	Fee (\$)	Fee Code	Fee (\$)				Fee Paid	1251	110	2251	55	1-mo. ext. of time		
1001	770	2001	385	Utility filing fee			385.00	1252	420	2252	210	2-mo. ext. of time		
1002	340	2002	170	Design filing fee				1253	950	2253	475	3-mo. ext. of time		
1003	520	2003	260	Plant filing fee				1254	1480	2254	740	4-mo. ext. of time		
1004	770	2004	385	Reissue filing fee				1255	2010	2255	1005	5-mo. ext. of time		
1005	160	2005	80	Provisional filing fee				1401	330	2401	165	Notice of Appeal		
SUBTOTAL (1)					\$385.00		1402	330	2402	165	Appeal Brief			
2. EXTRA CLAIM FEES								1403	290	2403	145	Request for Oral Hearing		
tot. claims	32	-	20*	=	12	x	\$9	=	108	1501	1330	2501	665	Utility/Reissue Issue Fee
ind. claims	1	-	3*	=	0	x	\$43	=	0	1502	480	2502	240	Design Issue Fee
<input type="checkbox"/>	Multiple Dependent Claims						\$145	=		1504	300	1504	300	Publication Fee
Large Entity		Small Entity		Fee Description			8001	3	8001	3	Advance Copy of Patent			
Fee ³ Code	Fee (\$)	Fee Code	Fee (\$)				1460	130	1460	130	Petitions to the Commissioner			
1202	18	2202	9	Claims in excess of 20			1806	180	1806	180	IDS Submission			
1201	86	2201	43	Independent claims in excess of 3			8021	40	8021	40	Assignment recordation			
1203	290	2203	145	Multiple dependent claim, if not paid			1801	770	2801	385	For Filing RCE			
1204	84	2204	43	*Reissue independent claims over original patent			1814	110	2814	55	Terminal Disclaimer			
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent			OTHER (indicate below):							
SUBTOTAL (2)					\$108.00									
* or number previously paid, if greater; For Reissues, see above								SUBTOTAL (3)					\$65.00	

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DOCKET NO. 9581-002-27

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Raghu RAGHAVAN, et al. ART UNIT:
SERIAL NO.: New Application EXAMINER:
FILING DATE: Herewith
FOR: METHOD AND SYSTEM FOR PREDICTION AND MANAGEMENT OF
MATERIAL AND INFORMATION TRANSPORT IN AN ORGANISM

LIST OF INVENTORS' NAMES AND ADDRESSES

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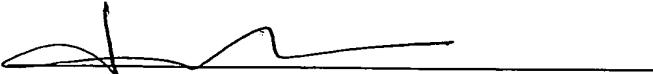
Listed below are the names and addresses of the inventors for the above-identified patent application.

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A declaration containing all the necessary information will be submitted at a later date.

Respectfully submitted,

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